IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended)A motion picture transmission method for transmitting ~~video data~~a motion picture signal input from an input terminal to a plurality of video reception units, respectively, through a video transmission unit and a plurality of ~~a~~ transmission ~~line~~ lines, each of which has a different transmission speed~~that a motion picture signal is coded in a video transmission unit~~, said method comprising the steps of:

generating at least Intra (I) picture data and a plurality of Predictive (P) picture data based on said motion picture signal in said video transmission unit; ~~and~~

storing at least said I picture data and a plurality of said P picture data in a memory unit of said video transmission unit; and

transmitting said I picture data and a ~~predetermined~~ different number of P picture data in ~~accordance with a request~~response to different transmission speeds of a plurality of said transmission lines from said memory unit of said video transmission ~~line~~unit to a plurality of video reception units, respectively.

Claim 2 (canceled).

3. (currently amended)A motion picture transmission method according to claim ~~2~~1, wherein said video transmission unit encodes said

motion picture signal based on ~~the bases of~~ either one of Motion Picture Experts Group (MPEG)-4 and MPEG-2.

4. (currently amended) A motion picture transmission method according to claim 1, wherein in the case where ~~it is determined that~~ said ~~I picture data~~ motion picture signal comprises:

at least first I picture data and second I picture data,

a transmission of said P picture data subsequent to said first I picture data is cancelled in response to said transmission speed which is low, and ~~transmission is started from~~ said second I picture data is transmitted subsequent to said first I picture data.

5. (currently amended) A motion picture transmission method according to claim 1, wherein when the number of said P picture data is changed in response to said transmission speed of said transmission line, the number of P picture data subsequent to said I picture data is changed ~~in accordance with the transmission speed of said transmission line~~, said P picture data being continuous, and the changed number of said P picture data is transmitted.

6. (currently amended) A motion picture transmission method according to claim 1, wherein said video transmission unit stores the number of I picture data and a ~~plurality~~ predetermined number of P picture data ~~according to a request from~~in response to said transmission speed of said transmission line, and ~~transmits~~ said stored I picture data and P picture data

are transmitted as stream data of a Group of Pictures (GOP) unit to said transmission line.

7. (currently amended)A motion picture transmission system comprising:

an input terminal to which a motion picture signal is applied;

a video transmission unit, coupled to said input terminal, for encoding a motion picture signal;

a plurality of transmission ~~line~~ lines, coupled to said video transmission unit, for transmitting video data encoded in said video transmission unit, each of which has a different transmission speed; and

a plurality of video reception ~~unit~~ units, coupled to a plurality of said transmission lines, respectively, for receiving said video data transmitted via said transmission ~~line~~lines,

wherein said video transmission unit includes:

generator for generating at least an Intra (I) picture data and a plurality of Predictive (P) picture data, ~~and~~

a memory unit for storing said I picture data and a plurality of said P picture data; and

selector for selecting said I picture data and a ~~predetermined~~ different number of P picture data in response to said transmission speeds of a plurality of ~~accordance with a request from~~ said transmission ~~line~~lines to transmit a plurality of said video reception units, respectively.

Claim 8 (canceled).

9. (currently amended)A motion picture transmission system according to claim ~~8~~7, wherein the means for changing the number of said P picture data in ~~accordance with~~response to said transmission ~~speed~~ speeds of a plurality of said transmission ~~line~~ lines and transmitting the changed number of said P picture data includes means for changing the number of P picture data subsequent to said I picture data.

10. (currently amended)A motion picture transmission system according to claim 7, wherein ~~said image transmission unit further comprises a memory unit,~~

~~———~~said memory unit stores the number of I picture data and a ~~plurality~~ different number of said ~~of~~ P picture data in response to said transmission speeds of a plurality of ~~according to a request from~~ said transmission ~~line~~lines, and

wherein said video transmission unit converts said stored I picture data and P picture data into stream data of a Group of Pictures (GOP) unit and transmits said stream data to said transmission ~~line~~lines.

Claim 11 (canceled).

12. (currently amended)A motion picture transmission apparatus comprising:

an input terminal to which a motion picture signal is applied;

a coding unit coupled with said input terminal, for converting ~~a~~ said motion picture signal into at least Intra (I) picture data and a plurality of Predictive (P) picture data;

a memory unit for storing said I and P picture data;

an output unit for outputting said I and P picture data; ~~and~~

a plurality of transmission lines, coupled to said output unit, for transmitting said I and P picture data, each of which has a different transmission speed;

a plurality of video reception units, coupled to a plurality of said transmission lines, respectively; and

a control unit for controlling said output unit,

wherein said control unit controls the number of I picture data and ~~the~~ a different number of P picture data output from said output unit in ~~accordance with a request from~~response to said transmission speeds of said ~~a~~ transmission ~~line~~lines.

Claim 13 (canceled).

14. (currently amended)A motion picture transmission apparatus according to claim ~~13~~12, wherein in the case of ~~changing the~~controlling a different number of said P picture data in ~~accordance with a request from~~response to said transmission speed of said transmission line, and transmitting them, the number of P picture data subsequent to said I picture data is changed, said P picture data being continuous, and the changed number of P picture data is transmitted.

15. (currently amended)A motion picture transmission apparatus according to claim 12, wherein said memory unit stores the number of I picture data and a ~~plurality~~ different number of P picture data ~~according to a request from~~in response to said transmission speeds of said transmission ~~line~~lines, and

wherein said control unit converts said stored I picture data and P picture data into stream data of the Group of Pictures (GOP) unit and transmits the stream data from said output unit.